IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Geun-Young YEOM et al.

Title:

3-GRID NEUTRAL BEAM SOURCE USED FOR ETCHING

SEMICONDUCTOR DEVICE

Appl. No.:

Unassigned

Filing Date:

April 1, 2004

Examiner:

Unassigned

Art Unit:

Unassigned

UTILITY PATENT APPLICATION TRANSMITTAL

Mail Stop PATENT APPLICATION Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Geun-Young YEOM Do-Haing LEE Byoung Jac PARK

[X] Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- [X] Application Data Sheet (37 CFR 1.76) (3 pages).
- [X] Preliminary Amendment (4 pages).
- [X] Specification, Claim(s), and Abstract (12 pages).
- [X] Formal drawings (7 sheets, Figures 1, 2A, 2B, 3, 4, 5A, 5B, 6, 7A, 7B).

- [X] Appendix A: Color Photographs of Figures 2A, 2B, 5A, 5B (2 sheets).
- [X] Declaration and Power of Attorney (4 pages).
- [X] Assignment of the invention to Sungkyunkwan University (2 pages).
- [X] Assignment Recordation Cover Sheet.
- [X] Claim for Convention Priority and Priority Document.
- [X] Information Disclosure Statement (3 pages).
- [X] Form PTO/SB/08 with copies of 3 listed reference(s).

The filing fee is calculated below:

	Claims		Included		Extra		Rate		Fee
	as Filed		in		Claims				Totals
			Basic Fee						•
Basic Fee							\$770.00	=	\$770.00
Total	6	-	20	=	0	$\dot{\mathbf{x}}$	\$18.00	=	\$0.00
Claims:									
Independents	1	-	3	=	0	X	\$86.00	=	\$0.00
:									
If any Multiple	e Depender	nt Cla	aim(s) pres	ent:		+	\$290.00	=	\$0.00
							SUBTOTAL:	=	\$770.00
[X]		Sm	nall Entity 1	Fees	s Apply (subtra	act ½ of above):	=	\$385.00
					T	OTA	L FILING FEE:	=	\$385.00
Assignment Recordation Fee: + \$40.00								=	\$40.00
TOTAL FEE								_ =	\$425.00

- [X] A check in the amount of \$425.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- [] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be

enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: April 1, 2004

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